

ABSTRACT OF THE DISCLOSURE

A heat transport device includes a container having a hollow structure in which a fluid channel is formed, at least one each thermal-receiver-type heat exchanger and thermal-radiator-type heat exchanger arranged side by side on an outer wall of the container along the fluid channel, and driving heat exchangers provided at both terminal portions of the container. In this heat transport device, both ends of the fluid channel are closed to prevent intrusion of external air, and a liquid and gas are sealed in the fluid channel. The driving heat exchangers cause the liquid to oscillate in the container along its internal fluid channel. The heat transport device provides low acoustic noise performance and improved temperature controllability, high heat transportation and heat radiating capacities, as well as improved heat transfer and fluid flow characteristics.